

**MEMORANDUM. UTAH DEPARTMENT OF TRANSPORTATION**

**DATE:** January 22, 2004

**TO :** Those on the attached list

**FROM :** Bill Lawrence, P.E.  
UDOT Concrete Engineer  
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[BillLawrence@utah.gov](mailto:BillLawrence@utah.gov)

**SUBJECT:** Utah Pavement Council Minutes

Date: January 22, 2004  
Location: UDOT Complex, Large Conference Room, first floor  
Address: 4501 South 2700 West  
Salt Lake City, UT 84119  
Time: 1:00 PM to 4:00 PM

Notes from January, 21, 2004 Meeting:

**1. Welcome - Bill Lawrence**

**2. Discussion regarding partial depth repair – Mitzi McIntyre, (ACPA).**

Summary: Concerns regarding the methods and materials used on a project in Region 1. UDOT to form a committee including private interests to review and make improvements to UDOT's specifications and special provisions regarding concrete rehabilitation procedures. The committee should also review and make suggestions regarding education & training for rehabilitation procedures.

Committee Members: John Butterfield – Region 2 Materials

Bill Lawrence – UDOT Materials

Tim Biel – UDOT Materials

Todd Laker – Holcim Cement

Mitzi McIntire – ACPA

Item to remain on next Pavement Council Agenda.

**3. Discussion & Follow-up regarding field Hamburg testing – Jim Hulse, (Conoco), Stephane Charmot, (Koch, Ind.)**

Summary: Overview of the discussion held last meeting regarding the proposal and handout of the HMA special provision requiring the use of the Hamburg Wheel Tracker during construction as a performance test on an HMA mix. Additional concerns and/or requests from private industry: Have a trial run with the specification to see how it works, look into using an incentive or bonus instead of a penalty, and the variability of the test. UDOT, on a trial basis, will use the special provision on one project in each region. Steve Niederhauser (UDOT), to provide history of Hamburg testing from UDOT Central Lab at next Pavement Council Meeting.

4. **Bonded Wearing Course specification** – Stephane Charmot, (Koch Ind).

Summary: Stephane provided a proposed update to the Bonded Wearing Course specification. Reviewed the changes as a committee. Stephane will send out a revised specification addressing the concerns raised.

5. **2002 Design Guide** – Tim Biel, (UDOT).

Summary: Discussion had regarding the ramifications and benefits regarding the new 2002 design guide. The software for the 2002 Design should be available by spring this year. UDOT's implementation of the new design guide is approximately two to three years out. Some things to be aware of: The 2002 Design uses calculated engineering properties, instead of modeled performance. Equipment issues for asphalt include, Dynamic Modulus tester, Hamburg Wheel Tracker and Gyratory Compactor, and for concrete it includes Tensile Properties, Coefficient of Thermal Expansion and possibly an Air Void Analyzer.

6. **HMA Quality Management Plan** – Tim Biel, Murari Pradhan, (UDOT).

Summary: UDOT is in the gathering stage for a HMA QMP and is seeking input from industry on what should and shouldn't be included. Murari Pradhan is the contact for your ideas.

7. **Other Items:**

Summary:

a). **TLA update** – Vernal job is completed. A detailed report should be completed and available in the next couple of weeks. The availability of pelletized TLA for project use should be available sometime between June 1<sup>st</sup> and August 1<sup>st</sup>.

b). **RAP** – Murari is looking for someone to speak at the upcoming Asphalt Conference on RAP. Mohammad Rahman the leading contender...Murari will be in contact.

8. **Next Meeting Date: February 18, 2004 1:00 PM**

**TO :**

Abdi Fatemi	Granite Construction
Ave Forseth	Pioneer Oil Co.
*Bill Lawrence	Materials Division
Bob Crunk	Holcim Cement Co.
*Brent Sumsiou	W.W. Clyde
Brooke Williams	Holcim Cement Co.
Bruce Hutchinson	ICS
*Cameron Petersen	Materials Division
Chris Winkler	Trinidad Lake Asphalt
Craig Haskell	Region 3
Darrell Giannonatti	Construction and Materials Divisions
*Dario Alvarez	Pioneer Oil Co.
Doug Millhollon	Koch
*Douglas Watson	CMT
Doyt Bolling	Utah Technology Transfer Center
Frank Mayfield	Staker/Parson Paving Co.
Fred McGregor	Granite Construction Co.
*Gene Christenbery	Koch
Glenn Waite	Western Rock Products
Grant Wiley	Region 3 Materials
*James Hulse	Koch
*Jeff Collard	Staker Parson
Jerry Hall	Geneva Rock Co.
Jim Golding	Geneva Rock Co.
Joe Johnson	Kilgore Paving & Maintenance
*John Butterfield	Region 2 Materials
Karen Kiggins	Heckett MultiServ
Karl Verhaeren	Region 4 Construction
*Larry Gay	Region 4 Materials
Lawrence Buss	Construction Division
Mike Forrest	Staker/Parson Paving Co.
*Mitzi McIntyre	ACPA
*Mohammad Rahman	GARCO Testing
Mont Wilson	Granite Construction Co.
Murari Pradhan	Materials Division
*Pete Richter	Silver Eagle Refining
*Reid Brown	BMW Group Consultants
Rich Thorn	Utah AGC
Rob Duncan	Ash Grove Cement Company
Rodney Terry	Region 1 Materials
*Scott Andrus	Region 3 Materials
Scott Yates	Pioneer Oil Co.
Spencer Guthrie	BYU Civil Engineering
*Stephane Charmot	Koch Asphalt Co.
*Steve Niederhauser	Materials Division
*Steven Park	Region 2 Materials
Tim Bochnowski	Holcim Cement Co.
*Tim Biel	Materials Division
Tim Rose	Region 2 Construction
*Todd Emery	FHWA
*Todd Laker	Holcim Cement Co.
Tom Case	Granite Construction Co.
*Tracy Grover	Kleinfelder
Troy Dunsmore	QC Testing
Troy Peterson	Materials Division
*Victor Johnson	Geneva Rock
Wade Betenson	Atser

**\*Present on January 21, 2004**